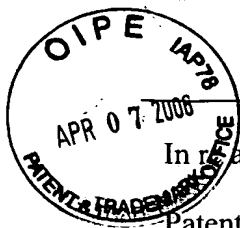


09/886 440

COFC



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Wallman et al.

Attorney Docket No.: SUN1P835/P6074

Patent: 6,964,033 B2

Issued: November 8, 2005

Title: CUSTOMIZATION OF JAVA RUNTIME
ENVIRONMENTS

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on April 5, 2006 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed: _____

Aurelia M. Sanchez

**REQUEST FOR CERTIFICATE OF CORRECTION
OF OFFICE MISTAKE
(35 U.S.C. §254, 37 CFR §1.322)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Attn: Certificate of Correction

**Certificate
APR 11 2006
of Correction**

Dear Sir:

Attached is Form PTO-1050 (Certificate of Correction) at least one copy of which is suitable for printing. The errors together with the exact page and line number where the errors are shown correctly in the application file are as follows:

TITLE PAGE:

1. In section (54) of title page, change "OBJECT BAND CUSTOMIZATION OF JAVA RUNTIME ENVIRONMENTS" to --CUSTOMIZATION OF JAVA RUNTIME ENVIRONMENTS--. This appears correctly in the patent application as filed on June 20, 2001, on page 1, line 1.

CLAIMS:

1. In line 14 of claim 13 (column 8, line 32) delete second instance of "of". This appears correctly in Amendment AF as filed on May 2, 2005, on page 5, line 1.

APR 11 2006

Patentee hereby requests expedited issuance of the Certificate of Correction because the error lies with the Office and because the error is clearly disclosed in the records of the Office. As required for expedited issuance, enclosed is documentation that unequivocally supports the patentee's assertion without needing reference to the patent file wrapper.

It is noted that the above-identified errors were printing errors that apparently occurred during the printing process. Accordingly, it is believed that no fees are due in connection with the filing of this Request for Certificate of Correction. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. SUN1P835).

Respectfully submitted,
BEYER WEAVER & THOMAS, LLP



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APR 11 2006



CUSTOMIZATION OF JAVA RUNTIME ENVIRONMENTS

CROSS-REFERENCE TO RELATED APPLICATIONS

5 This application is related to U.S. Patent Application No. _____
(Att.Dkt.No. SUN1P830/P6124), entitled "OPTIONAL ATTRIBUTE
GENERATOR FOR CUSTOMIZED JAVA PROGRAMMING
ENVIRONMENTS", filed concurrently herewith, and hereby incorporated
herein by reference.

10 This application is also related to U.S. Patent Application No.
09/852,463 (Att.Dkt.No. SUN1P825/P6040), entitled "FRAMEWORKS FOR
ACCESSING JAVA CLASS FILES", filed May 9, 2001, and hereby
incorporated herein by reference.

15 BACKGROUND OF THE INVENTION

The present invention relates generally to object-based high level
programming environments, and more particularly, to techniques suitable
for customization of a Java runtime environment.

20 One of the goals of high level languages is to provide a portable
programming environment such that the computer programs may easily be
ported to another computer platform. High level languages such as "C"
provide a level of abstraction from the underlying computer architecture and
their success is well evidenced from the fact that most computer
25 applications are now written in a high level language.

Portability has been taken to new heights with the advent of the
World Wide Web ("the Web") which is an interface protocol for the Internet
which allows communication between diverse computer platforms through a
graphical interface. Computers communicating over the Web are able to
30 download and execute small applications called applets. Given that applets

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computer program code for marking one or more Bytecodes of said class file, based on said analyzing of said class file, prior to loading or executing the class file by the virtual machine;

computer program code for loading at least one ~~run-time~~ runtime attribute for each one of said one or more marked Java Bytecodes prior to loading or executing the class file by the virtual machine;

computer program code for providing by the virtual machine at least one runtime feature associated with the at least one ~~run-time~~ runtime attribute prior to execution of said class file by the virtual machine; and

computer program code for executing said class file by said virtual machine in a runtime environment that includes the at least one runtime feature associated with the at least one ~~run-time~~ runtime attribute, thereby allowing the runtime environment to be customized based on the analyzing, marking, and generating of the at least one ~~run-time~~ runtime attribute.

17. (Original) A computer readable media as recited in claim 16, wherein said computer program code for loading operates to load a feature only if said feature has an associated attribute.

18. (Original) A computer readable media as recited in claim 16, wherein said computer program code for marking is performed by a Java compiler extension.

19. (Original) A computer readable media as recited in claim 16, wherein said computer program code for marking is performed by a software tool suitable for analyzing performance of a Java application in the runtime environment.

20. (Previously Presented) A computer readable media as recited in claim 19, wherein said marked Java Bytecode is associated with a Java object that has an attribute that is of interest.

21. (Previously Presented) A computer readable media as recited in claim 20, wherein said attribute is the life span, size, or class of said Java object.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB Control number

(Also Form PT-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,964,033 B2

Page 1 of 1

DATED : November 8, 2005

INVENTOR(S) : Wallman et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

In the Title Page:

In section (54) of title page, change "OBJECT BAND CUSTOMIZATION OF JAVA RUNTIME ENVIRONMENTS" to --CUSTOMIZATION OF JAVA RUNTIME ENVIRONMENTS--.

In the Claims:

In line 14 of claim 13 (column 8, line 32) delete second instance of "of".

MAILING ADDRESS OF SENDER:

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Oakland, CA 94612-0250

PATENT NO. 6,964,033 B2

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